Amendments to the Claims

This listing of claims will replace all prior version, and listings, of claims in the application:

Listing of Claims:

1. (Canceled)

2. (Currently amended) A hydrogen composition comprising: hydrogen; and an odorant, said odorant having a vapor pressure greater than 0.5 psi[[,]] and having a smell detectable at less than 1 ppm by a human nose~~, and being in a vapor phase at detectable concentration at a pressure of 6000 psi~~, wherein said odorant is a selenium compound.

3. (Original) The composition of claim 2, wherein said selenium compound is ethylselenol.

4. (Previously presented) The composition of claim 2, wherein said selenium compound is dimethyl selenide.

5-6. (Canceled)

7. (Previously presented) The composition of claim 2, wherein said gaseous composition consists essentially of hydrogen gas and said odorant.

8. (Previously presented) The composition of claim 2, wherein said odorant comprises 0.01 to 1000 ppm of said composition.

9. (Previously presented) The composition of claim 2, wherein said odorant comprises 0.1 to 40 ppm of said composition.

10. (Previously presented) The composition of claim 2, wherein said odorant is not harmful to humans.

11. (Original) The composition of claim 7, wherein said odorant has a minimum olfactory

power of 7.0, a minimum vapor pressure of 0.5 psi at standard temperature and pressure, a minimum diffusivity of 0.01147 cm.sup.2/s, and a maximum molecular weight of 200 g/mol.

12-14. (Canceled)

15. (Withdrawn – currently amended) A method for detecting a hydrogen gas leak from a container comprising; providing a container containing [[a]]the hydrogen composition of claim 2; and detecting a leak from said container when the smell of [[an]] said odorant present in said hydrogen composition is sensed~~, wherein said hydrogen composition comprises hydrogen and said odorant, said odorant having a vapor pressure greater than 0.5 psi, having a smell detectable at less than 1 ppm by a human nose, and being in a vapor phase at detectable concentration at a pressure of 6000 psi~~.

16. (Canceled)

17. (Withdrawn - currently amended) The method of claim [[16]]15, wherein said selenium compound is ethylselenol.

18. (Withdrawn - currently amended) The method of claim [[16]]15, wherein said selenium compound is dimethylselenol.

19-20. (Canceled)

21. (Withdrawn) The method of claim 15, wherein said gaseous composition consists essentially of hydrogen gas and said odorant.

22. (Withdrawn) The method of claim 15, wherein said odorant comprises 0.01 to 1000 ppm of said composition.

23. (Withdrawn) The method of claim 15, wherein said odorant comprises 0.1 to 40 ppm of said composition.

24. (Withdrawn) The method of claim 15, wherein said odorant is not harmful to humans.

25. (Withdrawn) The method of claim 15, wherein said odorant is sensed by a human.

26. (Withdrawn) The method of claim 15, wherein said odorant is sensed by a detecting device.

27. (Withdrawn) The method of claim 21, wherein said odorant has a minimum olfactory power of 7.0, a minimum vapor pressure of 0.5 psi at standard temperature and pressure, a minimum diffusivity of 0.01147 cm.sup.2/s, and a maximum molecular weight of 200 g/mol.

28-30. (Canceled)

31. (Withdrawn – currently amended) A method of making [[a]]the hydrogen composition of claim 2, said method comprising: providing hydrogen gas; and mixing [[an]]said odorant with said hydrogen gas to form said hydrogen composition~~, said odorant having a vapor pressure greater than 0.5 psi, having a smell detectable at less than 1 ppm by a human nose, and being in a vapor phase at detectable concentration at a pressure of 6000 psi~~.

32. (Canceled)

33. (Withdrawn – currently amended) The method of claim [[32]]31, wherein said selenium compound is ethylselenol.

34. (Withdrawn – currently amended) The method of claim [[32]]31, wherein said selenium compound is dimethylselenol.

35-36. (Canceled)

37. (Withdrawn) The method of claim 31, wherein said gaseous composition consists essentially of hydrogen gas and said odorant.

38. (Withdrawn) The method of claim 31, wherein said odorant comprises 0.01 to 1000 ppm of said composition.

39. (Withdrawn) The method of claim 31, wherein said odorant comprises 0.1 to 40 ppm of said composition.

40. (Withdrawn) The method of claim 31, wherein said odorant is not harmful to humans.

41. (Withdrawn) The method of claim 37, wherein said odorant has a minimum olfactory power of 7.0, a minimum vapor pressure of 0.5 psi at standard temperature and pressure, a minimum diffusivity of 0.01147 cm.sup.2/s, and a maximum molecular weight of 200 g/mol.

42-44. (Canceled)

45. (Previously presented) A fuel cell containing the composition of claim 2.

46. (Previously presented) The fuel cell of claim 45, wherein said fuel cell is a vehicle fuel cell.

47. (Previously presented) The composition of claim 2, wherein said selenium compound is methylselenol.

48. (Previously presented) The composition of claim 2, wherein said selenium compound is isopropylselenol.

49. (Previously presented) The composition of claim 2, wherein said selenium compound is propylselenol.

50. (Previously presented) The composition of claim 2, wherein said selenium compound is ethylmethylselenide.

51. (Previously presented) The composition of claim 2, wherein said selenium compound is isopropylmethylselenide.

52. (Previously presented) The composition of claim 2, wherein said selenium compound is tertbutylselenol.

53. (Previously presented) The composition of claim 2, wherein said selenium compound is diethylselenide.

54. (New) A container containing the composition of claim 2.

55. (New) The container of claim 54, wherein said container is part of a fuel dispensing apparatus.

56. (New) The container of claim 54, wherein said container is connected to a fuel dispensing apparatus.

57. (New) The container of claim 54, wherein said container is part of a vehicle.

58. (New) The container of claim 56, wherein said vehicle includes a fuel cell.

59. (New) The composition of claim 2, wherein said odorant is in a vapor phase at a pressure greater than ambient pressure.

60. (New) The method of claim 15, wherein said odorant is in a vapor phase at a pressure greater than ambient pressure.

61. (New) The method of claim 31, wherein said odorant is in a vapor phase at a pressure greater than ambient pressure.